

AIR TEMPERATURE SENSOR DTE 75A



Highlights:

DTE 75A is non aspirated sensor designed to measure air temperature. As a sensing element a thermoliner thermistor is used. It is protected by a stainless steel cylinder that is thermally isolated from the case. Case is made of aluminium and UV resistant plastics protecting the sensing element from the sun and precipitation. On the bottom side of the sensor there is a mounting element and a three pin waterproof connector to connect the sensor with the measuring system. The sensor has to be mounted upright and should be overvoltage protected. To provide the connection between the sensor and the measuring system a two wire shielded cable should be used (Max. length can be up to several hundreds meters, depending on the wire resistance).

TECHNICAL DATA:

GENERAL	
Sensing element:	Termoliner thermistor YSI 44203
Measuring range:	-40°C to +60°C
Accuracy:	± 0.15°C
Linearity:	± 0.15°C
Material:	Stainless steel, aluminum and UV resistant plastics
Connection:	3 pin connector and 2 wire shielded cable
Dimensions:	φ 110 mm (4.33") by 170 mm (6.7")
Weight:	160g (0.35 lb)